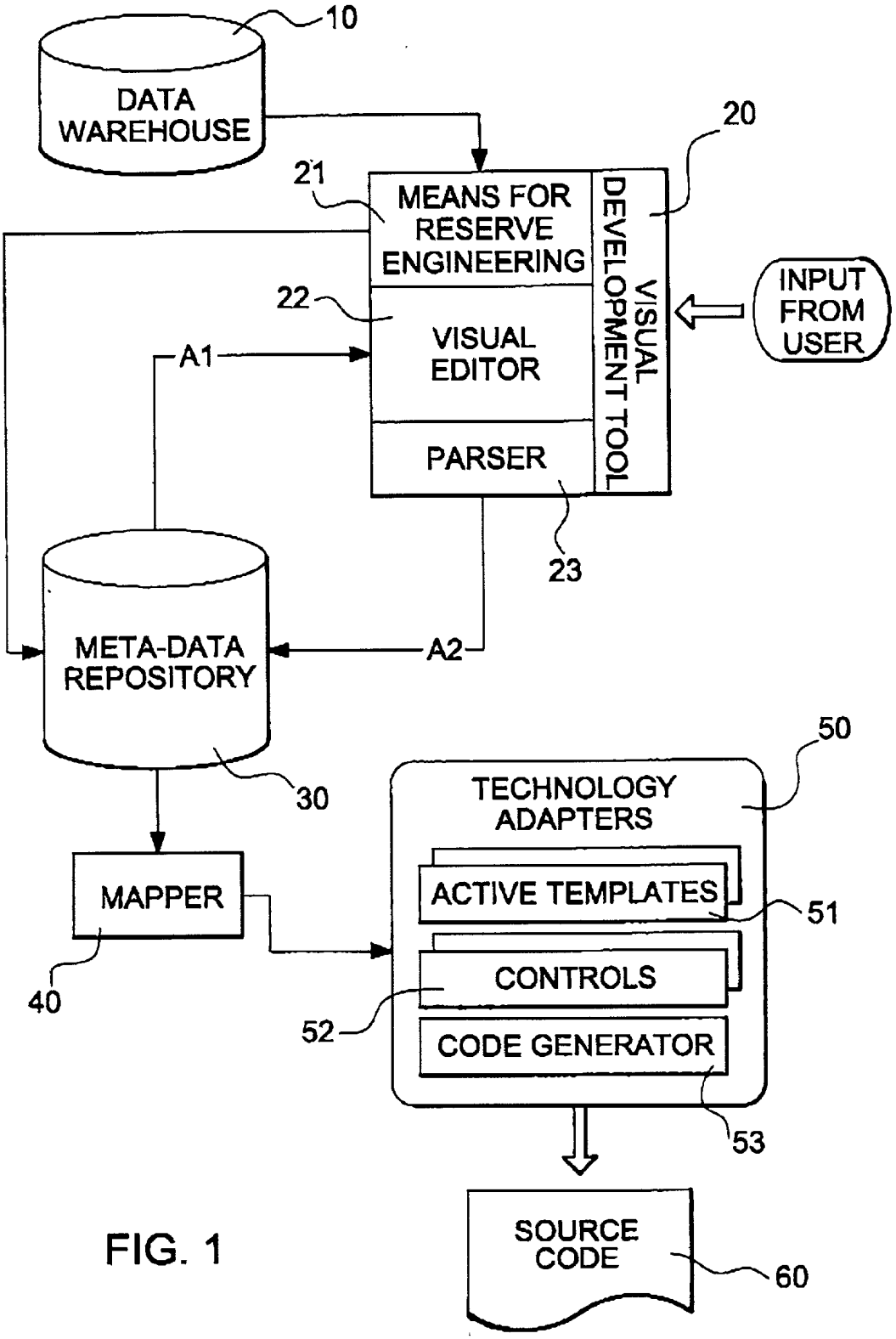
10
DATA WAREHOUSE
20
21
MEANS FOR RESERVE ENGINEERING
VISUAL DEVELOPMENT TOOL
INPUT FROM USER
22
VISUAL EDITOR
A1
PARSER
23
META-DATA REPOSITORY
A2
30
50
TECHNOLOGY ADAPTERS
ACTIVE TEMPLATES
51
MAPPER
CONTROLS
40
52
CODE GENERATOR
53
SOURCE CODE
60

FIG. 1

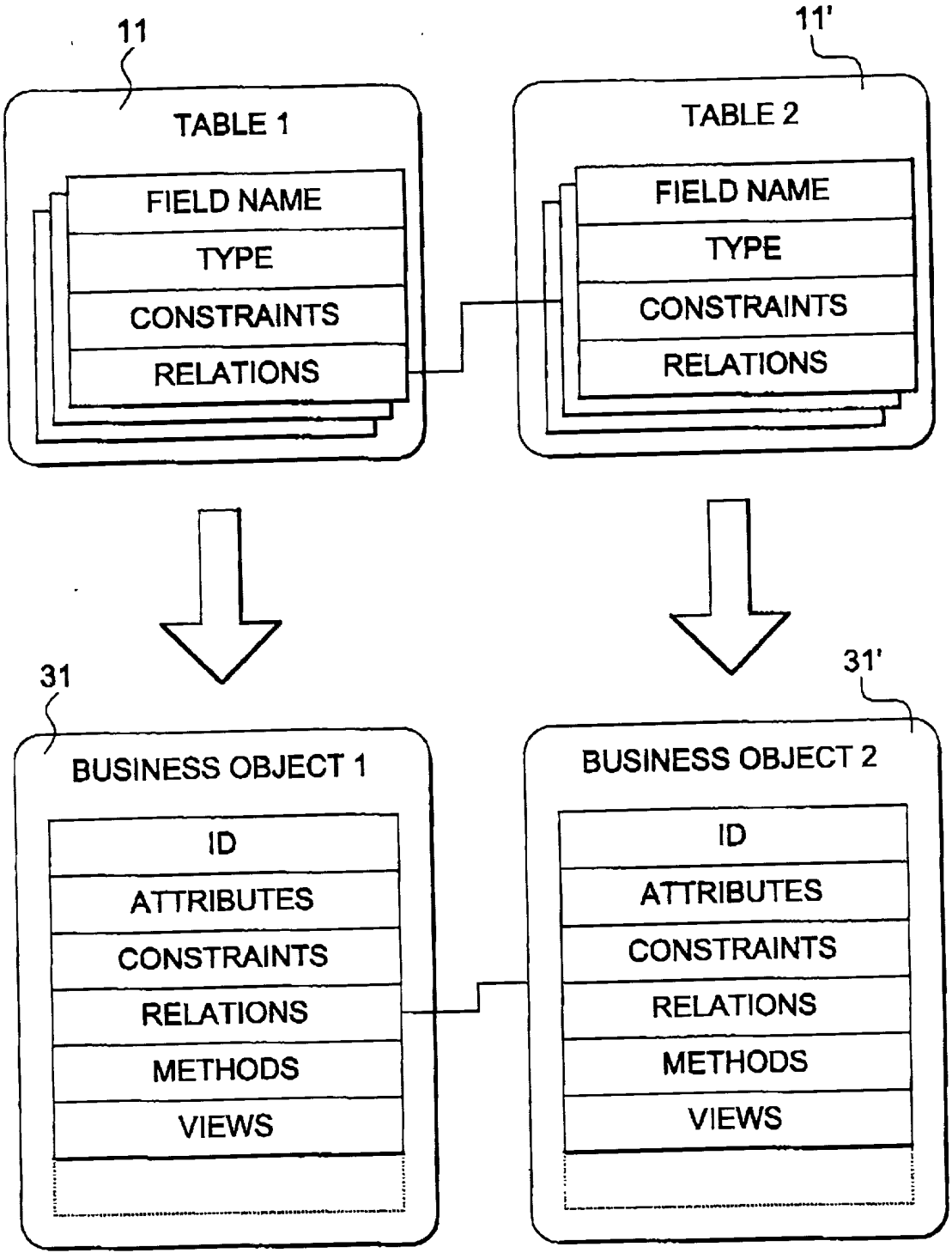
11
TABLE 1
FIELD NAME
TYPE
CONSTRAINTS
RELATIONS
11'
TABLE 2
FIELD NAME
TYPE
CONSTRAINTS
RELATIONS
31
BUSINESS OBJECT 1
ID
ATTRIBUTES
CONSTRAINTS
RELATIONS
METHODS
VIEWS
31'
BUSINESS OBJECT 2
ID
ATTRIBUTES
CONSTRAINTS
RELATIONS
METHODS
VIEWS

FIG. 2

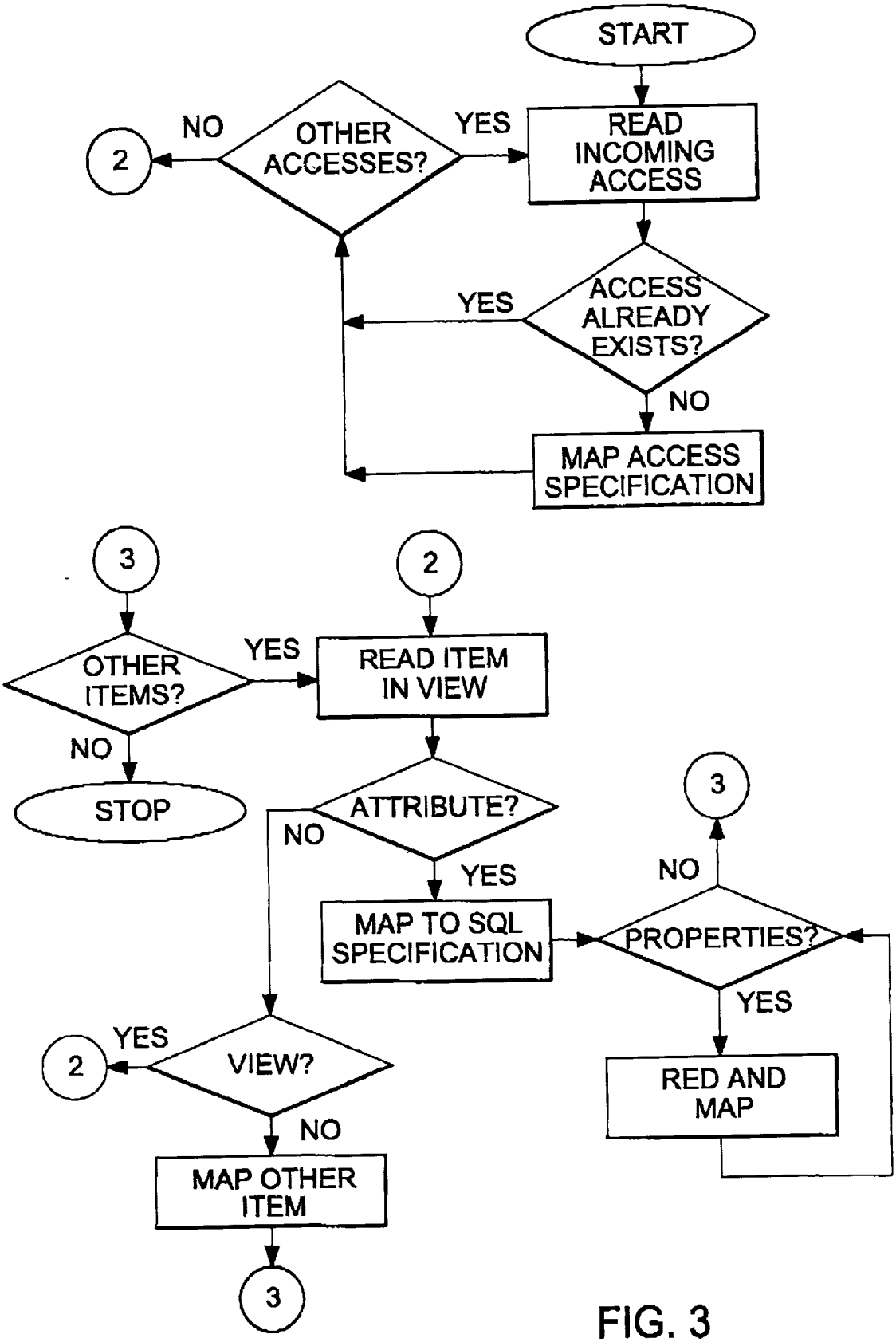
START
READ INCOMING ACCESS
OTHER ACCESSES?
NO
YES
2
ACCESS ALREADY EXISTS?
YES
NO
MAP ACCESS SPECIFICATION
3
2
OTHER ITEMS?
YES
READ ITEM IN VIEW
NO
STOP
ATTRIBUTE?
NO
YES
MAP TO SQL SPECIFICATION
3
NO
PROPERTIES?
YES
RED AND MAP
2
YES
VIEW?
NO
MAP OTHER ITEM
3

FIG. 3

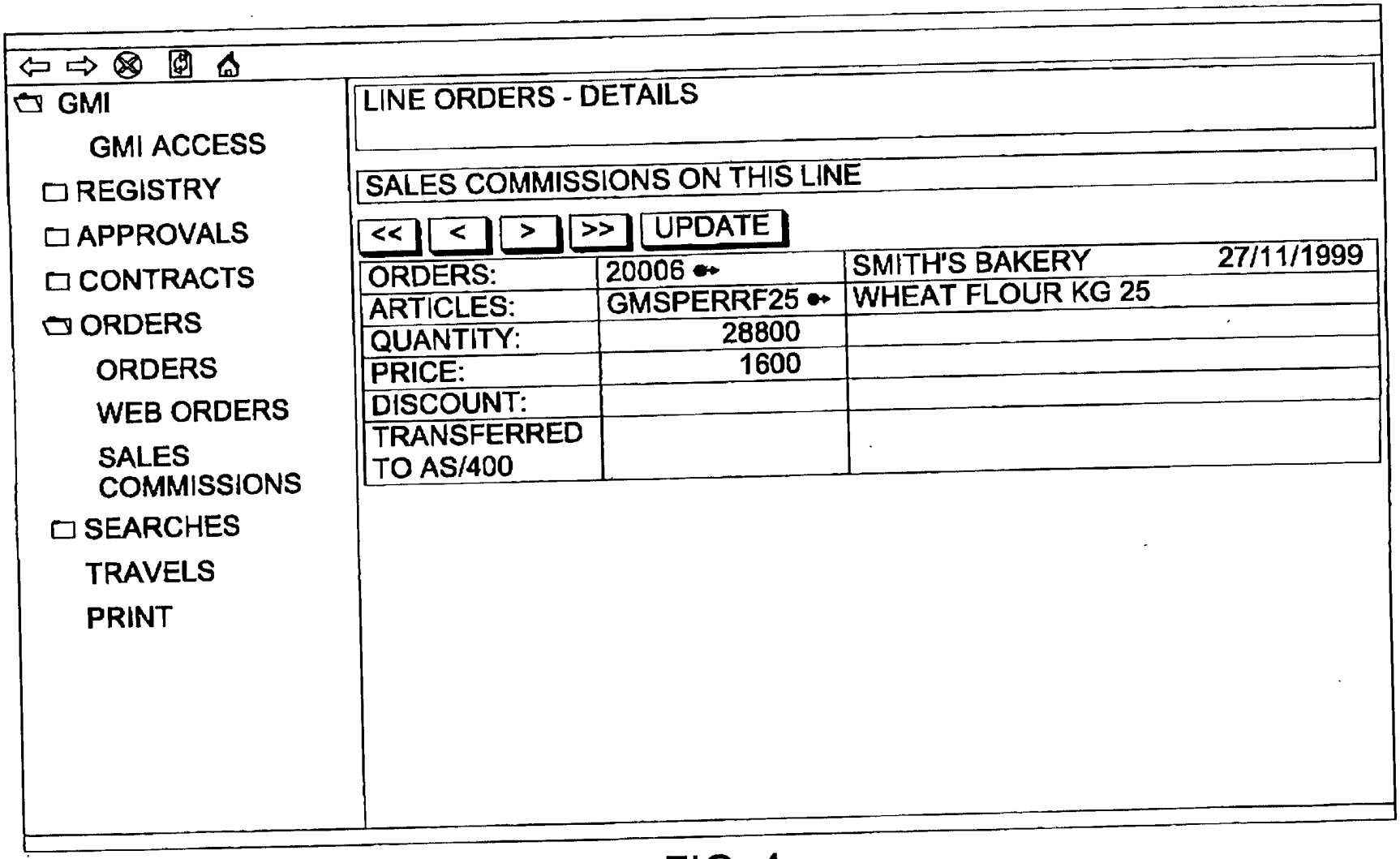
GMI
GMI ACCESS
REGISTRY
APPROVALS
CONTRACTS
ORDERS
ORDERS
WEB ORDERS
SALES COMMISSIONS
SEARCHES
TRAVELS
PRINT
LINE ORDERS - DETAILS
SALES COMMISSIONS ON THIS LINE
<<
<
>
>>
UPDATE
ORDERS: 20006
SMITH'S BAKERY 27/11/1999
ARTICLES: GMSPERRF25
WHEAT FLOUR KG 25
QUANTITY: 28800
PRICE: 1600
DISCOUNT:
TRANSFERRED TO AS/400

FIG. 4

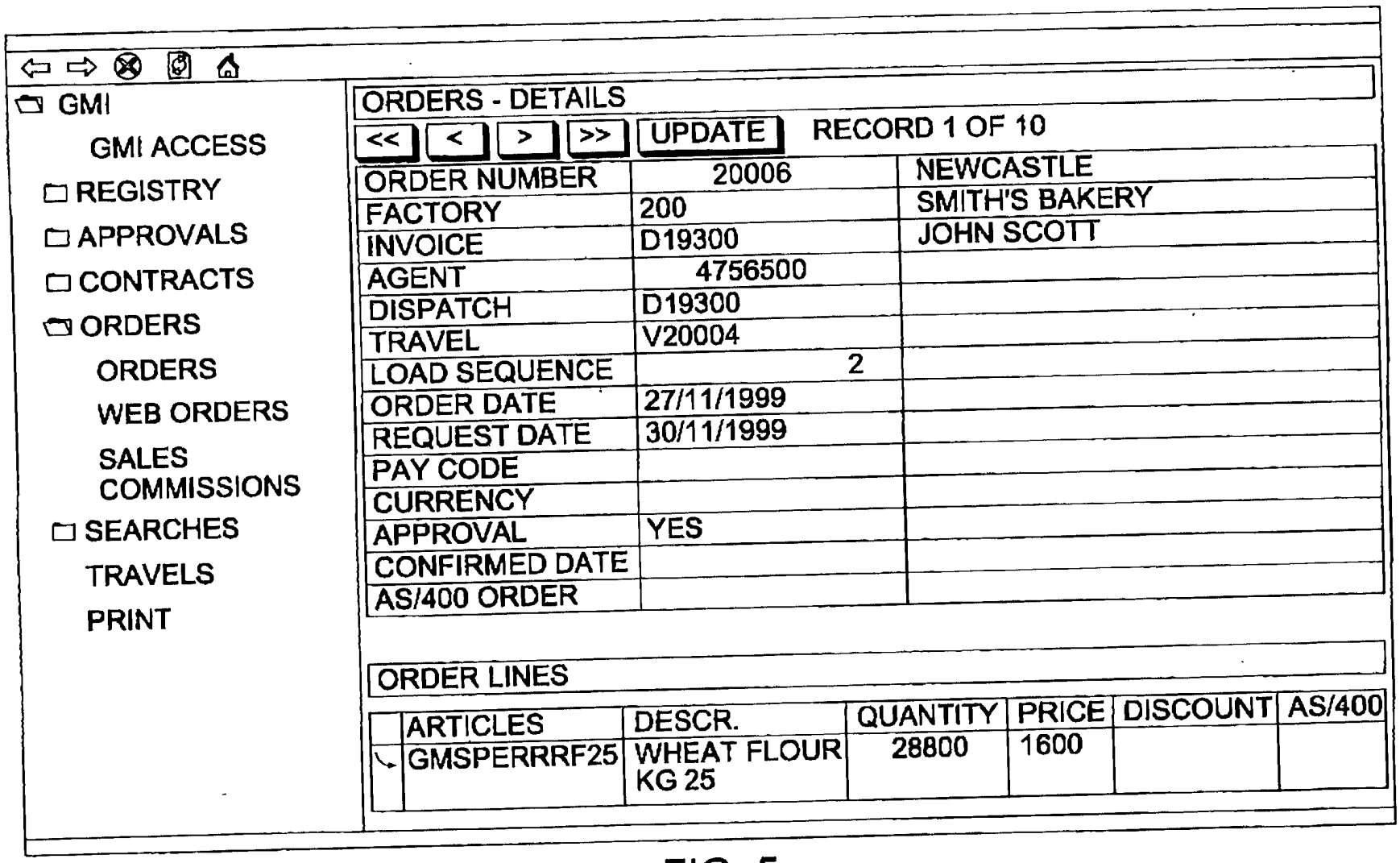
GMI
GMI ACCESS
REGISTRY
APPROVALS
CONTRACTS
ORDERS
ORDERS
WEB ORDERS
SALES COMMISSIONS
SEARCHES
TRAVELS
PRINT
ORDERS - DETAILS
<< < > >> UPDATE RECORD 1 OF 10
ORDER NUMBER 20006 NEWCASTLE
FACTORY 200 SMITH'S BAKERY
INVOICE D19300 JOHN SCOTT
AGENT 4756500
DISPATCH D19300
TRAVEL V20004
LOAD SEQUENCE 2
ORDER DATE 27/11/1999
REQUEST DATE 30/11/1999
PAY CODE
CURRENCY
APPROVAL YES
CONFIRMED DATE
AS/400 ORDER
ORDER LINES
ARTICLES DESCR. QUANTITY PRICE DISCOUNT AS/400
GMSPERRRF25 WHEAT FLOUR KG 25 28800 1600

FIG. 5

EP0960386A2 | 0960386

APR 05 '01 10:18

5.APR.2001 16:04

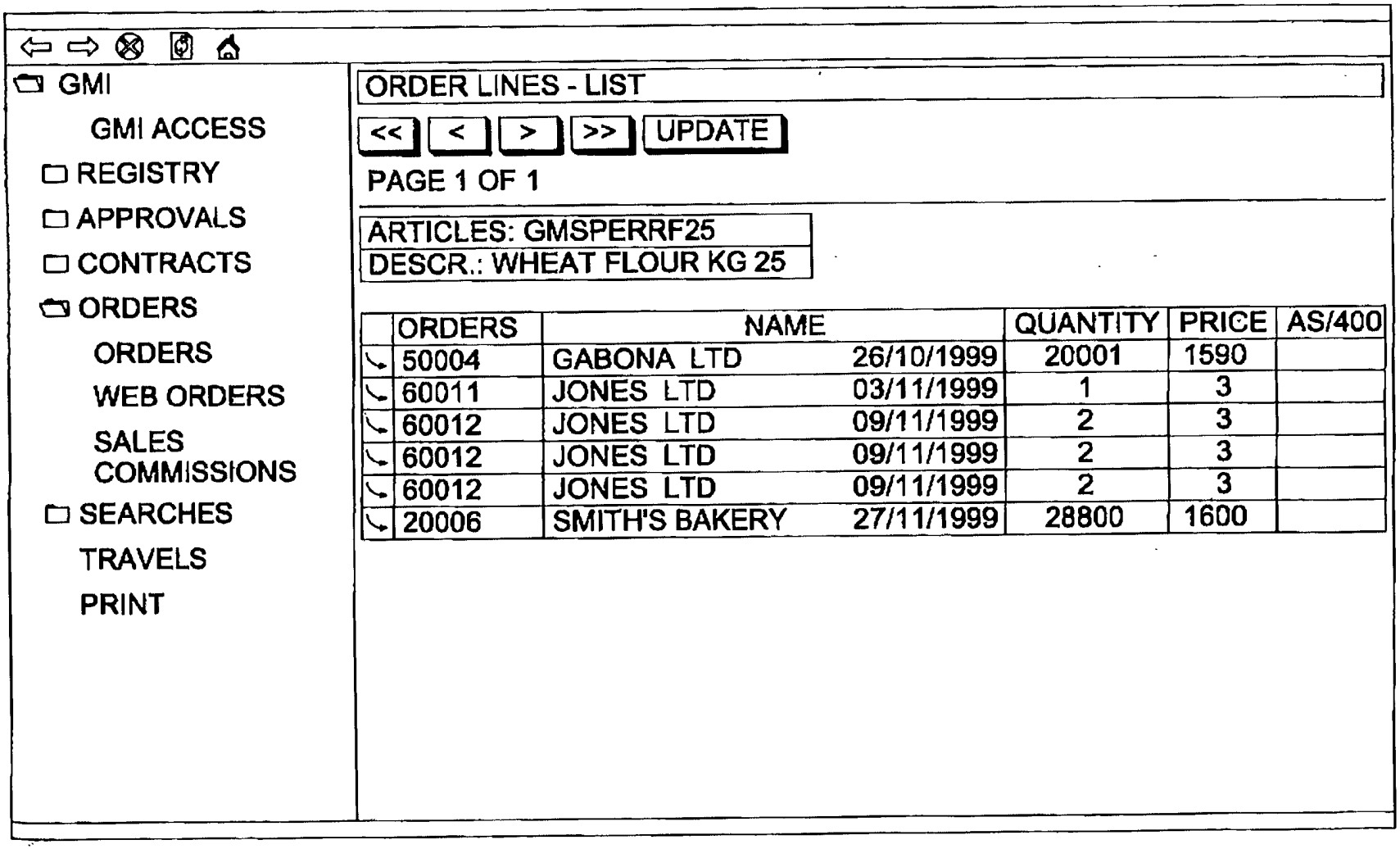

FIG. 6

PAGE.05

NR.847 P.5

APR 05 '01 10:18

5.APR.2001 16:04

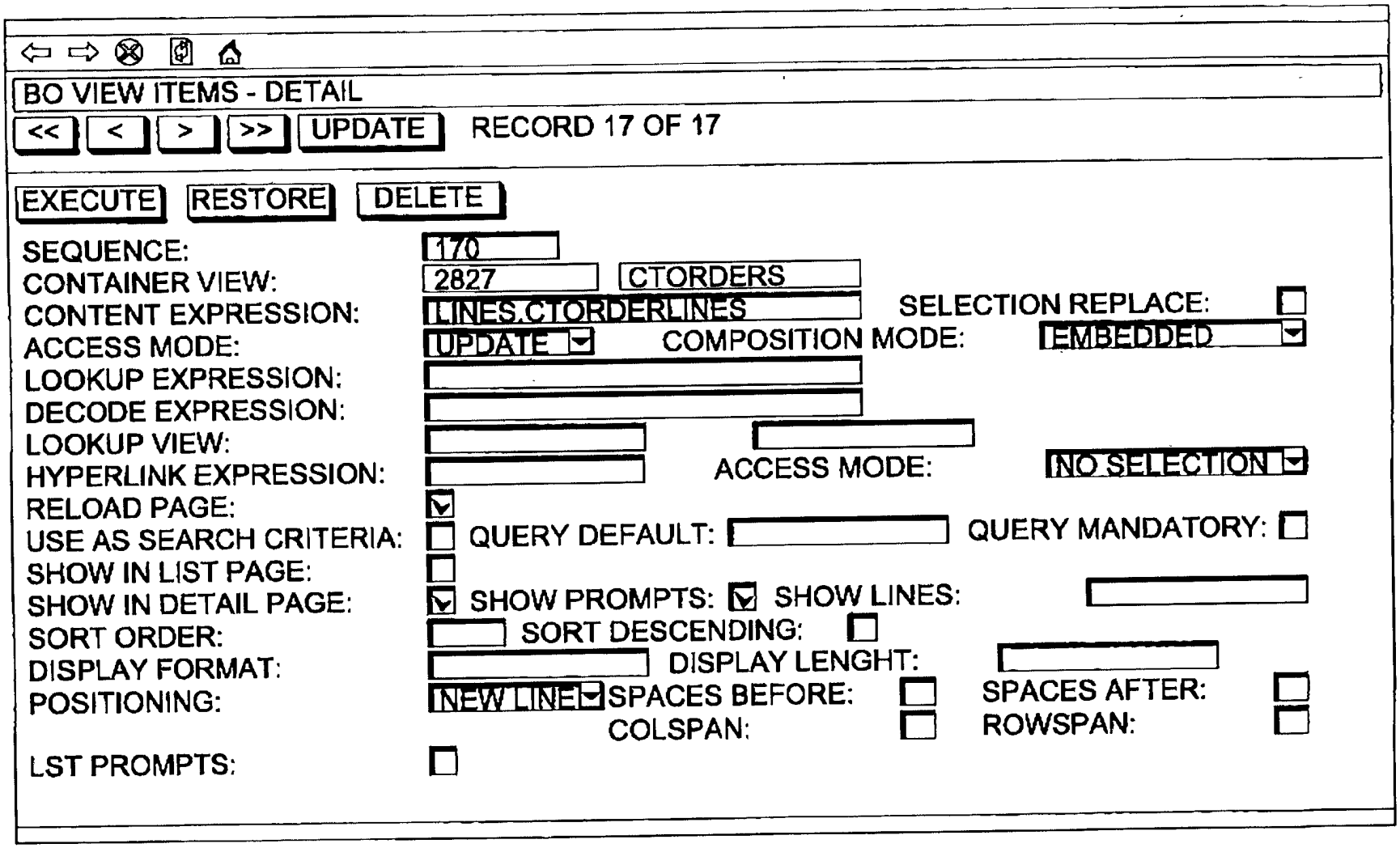

FIG. 7

PAGE.04

EP 0 965 2360

APR 05 '01 10:17

5.APR.2001 16:03

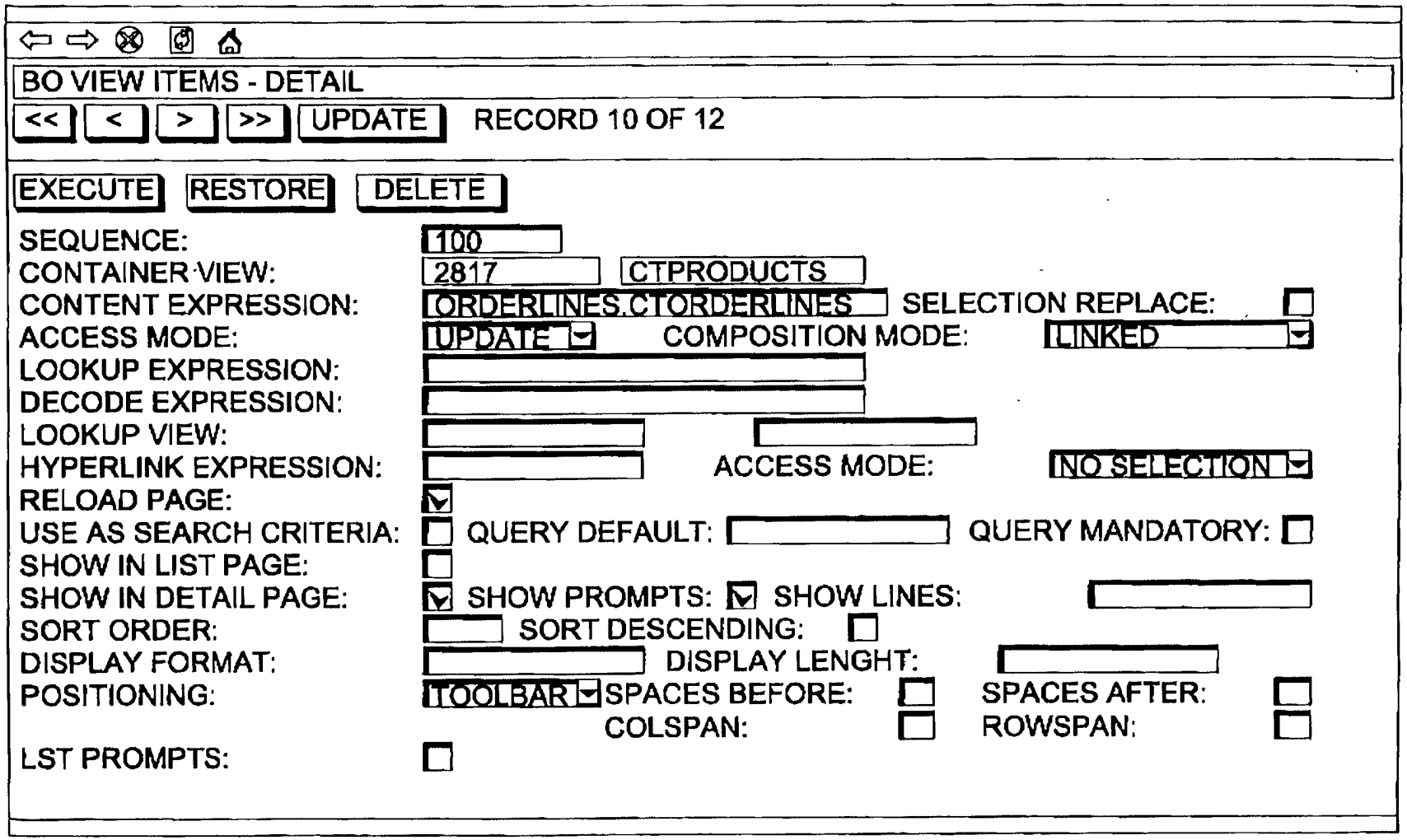

FIG. 8

PAGE.03

EP 0 954 803 B1

APR 05 '01 10:16

5.APR.2001 16:03

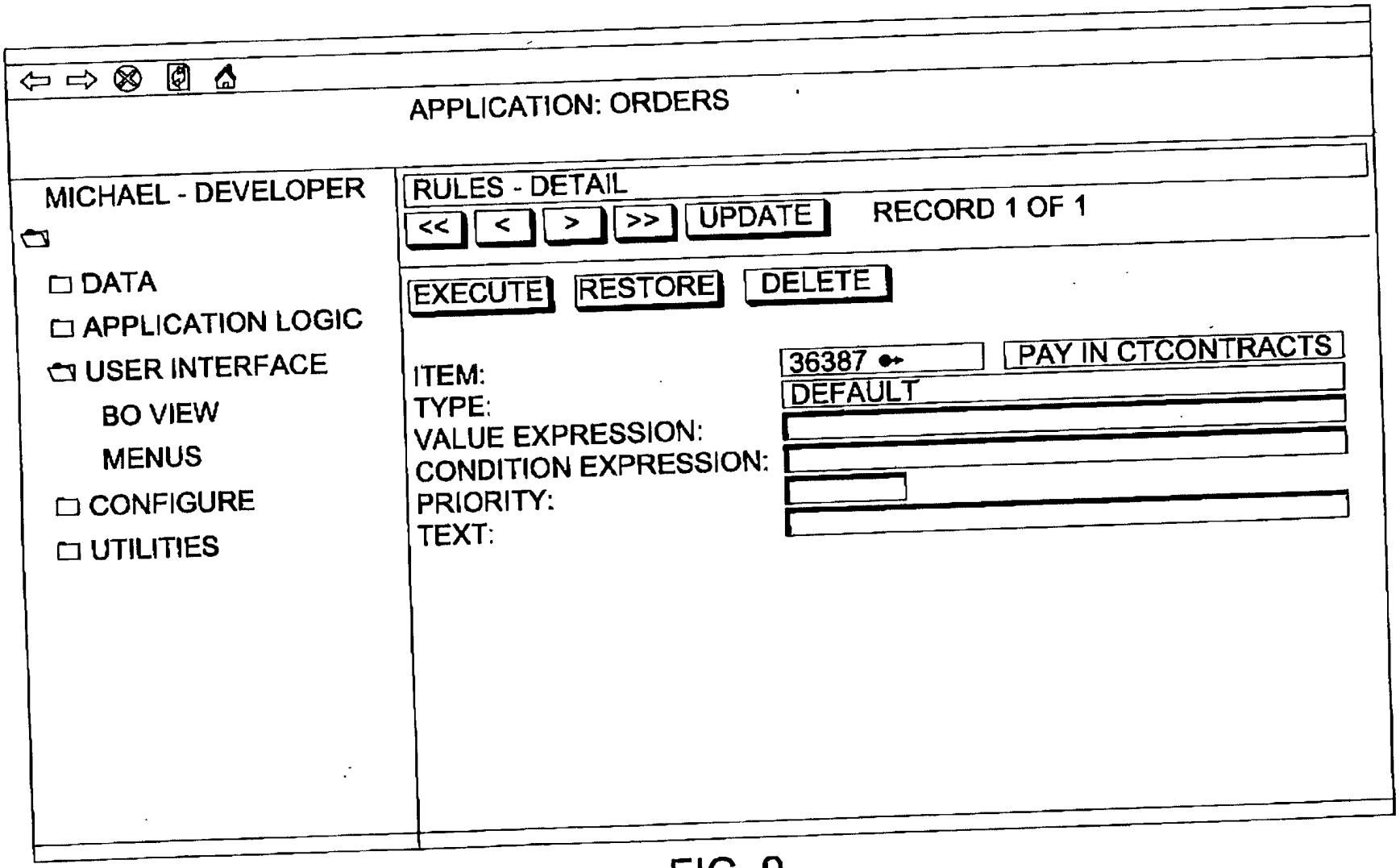

FIG. 9

PAGE.02

EP 0 984 386 A2

APR 05 '01 10:15

5.APR.2001 16:02

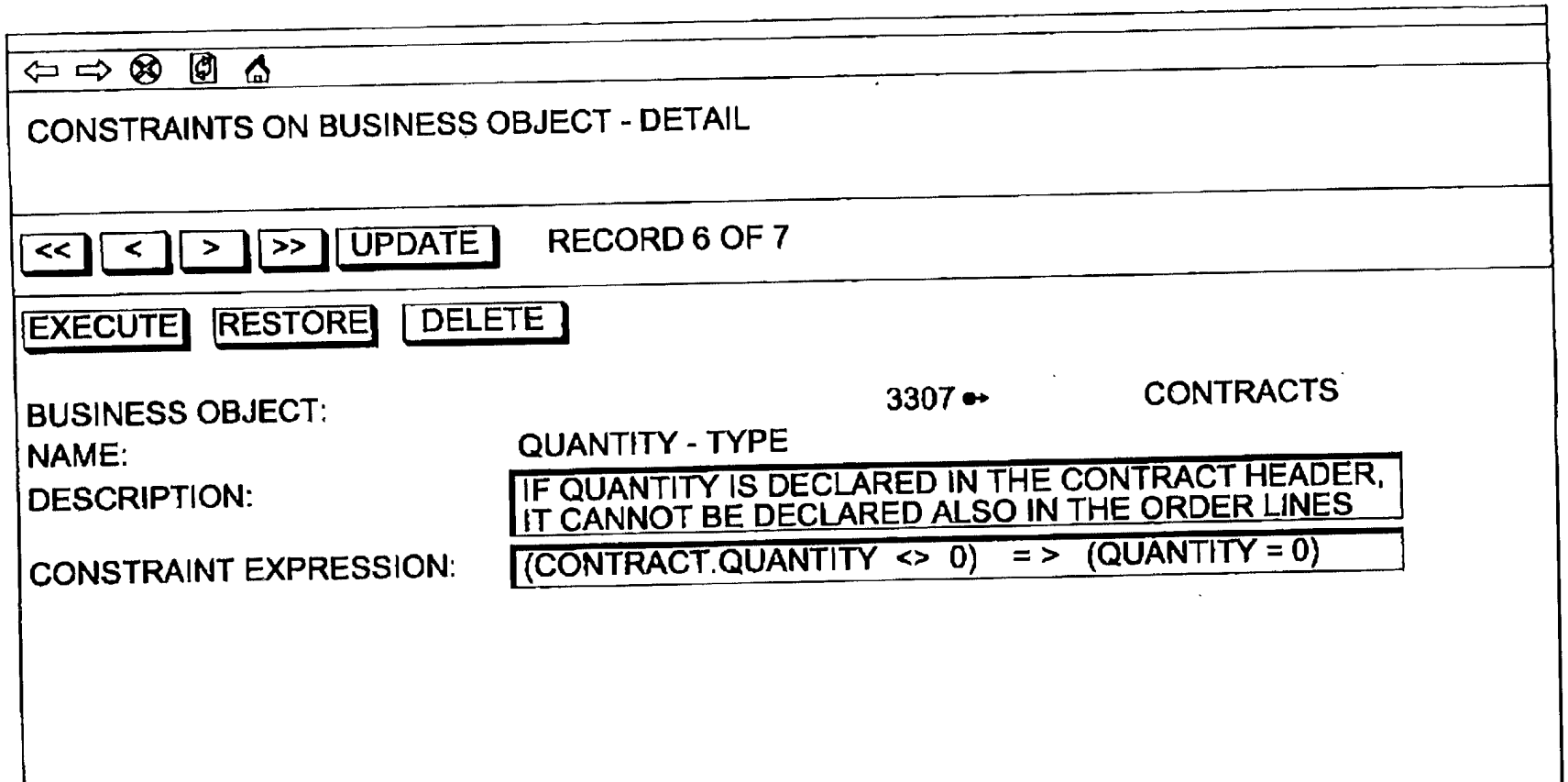

FIG. 10

PAGE.01